

Converting Colors

YUV(227.6450, -15.1080,
-7.5817)

Have a look what the booklet for
YUV(227.6450, -15.1080, -7.5817)
contains.

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Color

**YUV(227.6450, -15.1080,
-7.5817)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEEC5
RGB	219, 238, 197
RGB Percent	86%, 93%, 77%
CMY	0.1412, 0.0667, 0.2275
CMYK	0.08, 0.00, 0.17, 0.07
HSL	88°, 55%, 85%
HSV	88°, 17%, 93%
XYZ	69.8660, 80.2404, 64.6289
YIQ	227.6450, 1.8370, -16.7790

Conversions

Conversions Part 2

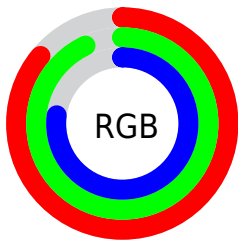
Format	Color
RYB	197, 238, 216
Decimal	14413509
CIELab	91.79, -13.38, 17.77
CIElCh	92, 22.241, 126.977
Yxy	80.2404, 0.3254, 0.3737
Android (android.graphics.Color)	4292603589 (0xFFDBEEC5)
YUV	227.6450, -15.1080, -7.5817
Hunter-Lab	89.5770, -17.5378, 19.9267

Details

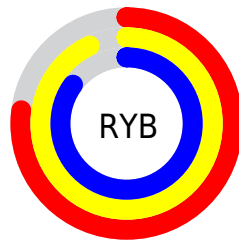
The YUV color $227.6450, -15.1080, -7.5817$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $207.3550, 15.1080, 7.5817$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.8860, -0.4368, 0.1000$, and $172.1720, -14.3818, -7.1668$ is the 20% darker color. If you saturate the color by 10%, you get $221.6200, -23.9697, -11.9447$, and if you desaturate by 10%, it is $233.6700, -6.2463, -3.2186$.

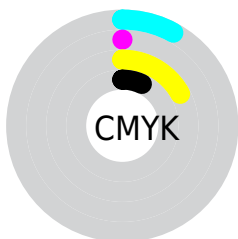
Distribution



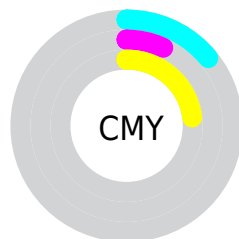
- Red (86%)
- Green (93%)
- Blue (77%)



- Red (77%)
- Yellow (93%)
- Blue (85%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



- Cyan (14%)
- Magenta (7%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.6450, -15.1080, -7.5817 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 227.6450, -15.1080, -7.5817 by changing the saturation by 10% instead.

■ 227.6450,
-15.1080, -7.5817

■ 227.6450,
-15.1080, -7.5817

255.0000, 0.0000,
0.0000

■ 199.7590,
-14.6712, -7.6816

254.8860, -0.4368,
0.1000

■ 172.1720,
-14.3818, -7.1668

■ 145.2860,
-13.9450, -7.2668

■ 119.8130,
-13.2188, -6.8520

■ 94.9270, -12.7820,
-6.9520

■ 71.0410, -12.3452,
-7.0520

■ 48.5680, -11.6190,

-6.6371

■ 26.8240, -13.2242,
-5.1076

■ 7.0440, -3.4727,
-6.1776

■ 227.6450,
-15.1080, -7.5817

■ 227.6450,
-15.1080, -7.5817

■ 221.6200,
-23.9697, -11.9447

■ 233.6700, -6.2463,
-3.2186

■ 215.5950,
-32.8313, -16.3078

■ 239.6950, 2.6154,
1.1445

■ 209.6840,
-41.2562, -20.7709

■ 244.1240, 5.3619,
6.9073

■ 203.6590,
-50.1179, -25.1339

■ 245.0210, 4.9196,
8.7516

■ 197.6340,
-58.9796, -29.4970

■ 191.6090,
-67.8412, -33.8601

■ 185.5840,
-76.7029, -38.2232

■ 179.6730,
-85.1278, -42.6862

■ 177.9780,
-87.7432, -43.8307

Harmonies

Analogous

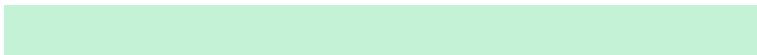
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.3870, -20.4038, 11.0616



227.6450, -15.1080, -7.5817



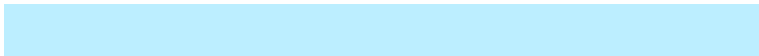
224.7550, -5.3022, -26.0951

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.6450, -15.1080, -7.5817



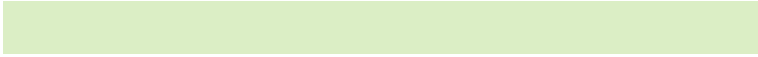
224.9880, 14.7959, -32.4385



229.5020, -1.2335, 22.3617

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



227.6450, -15.1080, -7.5817



207.3550, 15.1080, 7.5817

Split Complementary

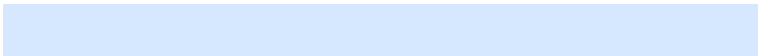
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.1840, 7.7973, 19.1326



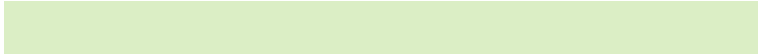
227.6450, -15.1080, -7.5817



229.2400, 12.6997, -13.3655

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



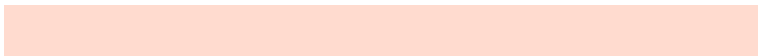
227.6450, -15.1080, -7.5817



224.0360, 15.2653, -43.0046



232.9160, 10.8874, 7.9667



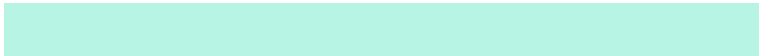
228.3960, -10.5482, 23.3317

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.6450, -15.1080, -7.5817



223.9370, 2.0031, -35.9017



232.9160, 10.8874, 7.9667



230.3000, 1.8241, 21.6619

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



227.6450, -15.1080, -7.5817



251.7240, -4.7939, -2.3889



219.8250, -11.2527, 15.9395



125.8920, -2.9048, -1.6593



0.0000, 0.0000, 0.0000



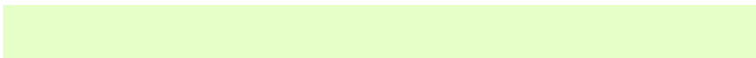
128.0000, 0.0000, 0.0000

Same Dimension

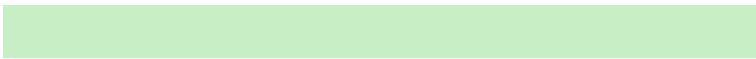
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.6450, -15.1080, -7.5817



241.3690, -19.9019, -9.9706



221.6650, -12.1598, -19.8772



116.8380, -4.3571, -2.4889



137.6090, -67.8412, -33.8601



41.8420, -20.6281, -10.3854

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



207.3550, 15.1080, 7.5817



214.6310, 19.9019, 9.9706



213.3350, 12.1598, 19.8772



110.8630, 4.5045, 1.8741



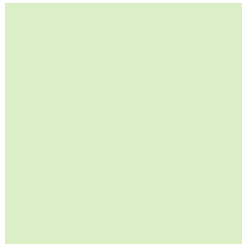
46.3910, 67.8412, 33.8601



14.1580, 20.6281, 10.3854

Previews

White Background



This preview shows how the YUV color 227.6450, -15.1080, -7.5817 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 227.6450, -15.1080, -7.5817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

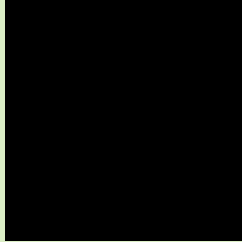
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

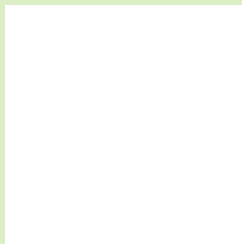
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.6450, -15.1080, -7.5817

Background



This preview shows how black text looks on a background with the YUV color 227.6450, -15.1080, -7.5817.



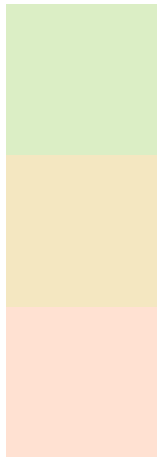
This preview shows how white text looks on a background with the YUV color 227.6450, -15.1080, -7.5817.

-7.5817.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

227.6450, -15.1080, -7.5817

Protanopia

230.5550, -18.5146, 11.7913

Deuteranopia

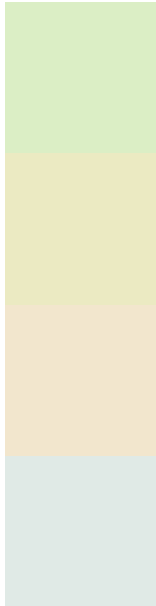
232.2600, -10.9742, 19.9430



Tritanopia

231.8560, 8.4520, -4.2587

Trichromacy



Original Color

227.6450, -15.1080, -7.5817

Protanomaly

229.7390, -17.6193, 4.6139

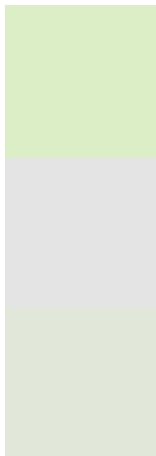
Deuteranomaly

230.7380, -12.6888, 9.8768

Tritanomaly

230.5540, -0.2731, -5.7479

Monochromacy



Original Color

227.6450, -15.1080, -7.5817

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.1970, -5.5201, -2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.6450, -15.1080, -7.5817 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(219, 238, 197)` looks like.

```
.text, #text, p{  
    color:rgb(219, 238, 197)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(219, 238, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 238, 197) }
```

Border

The CSS property to change the border of an element to YUV 227.6450, -15.1080, -7.5817 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 238, 197) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(219, 238, 197) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(219, 238, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 238, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 238, 197);  
box-shadow:4px 4px 4px 4px rgb(219, 238,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 227.6450, -15.1080, -7.5817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 238, 197) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(219,  
238, 197) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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